

IN THE SPECIFICATION

Please amend the paragraph beginning at page 2, line 21, as follows:

[0007] To solve the above problems, according to an aspect of the present invention ~~(claim 1)~~ relates to, as shown in Fig. 1, a packet communication network that is connected to a first external network U1 and a second external network U2, and that executes packet communication between the first external network U1 and the second external network U2, the packet communication network including a parallel network 1 constituted by a plurality of any one of physically and logically independent networks N1, N2, ..., Nm; at least one classifier 2 that is connected to the first external network U1 and to each of the networks N1 to Nm in the parallel network 1, and that classifies a packet received from the first external network U1 to one of the networks N1 to Nm in the parallel network 1; and at least one multiplexer 3 that is connected to each of the networks N1 to Nm in the parallel network 1 and to the second external network U2, that multiplexes packets received from a plurality of networks N1 to Nm in the parallel network 1, and that outputs multiplexed packet to the second external network U2.

Please amend the paragraph beginning at page 3, line 27, as follows:

[0010] In the packet communication network according to another aspect ~~(claim 2)~~, the classifier classifies a packet according to a feature amount of a form of the packet.

Please amend the paragraph beginning at page 4, line 2, as follows:

[0012] In the packet communication network according to another aspect ~~(claim 3)~~, the feature amount is a packet length of the packet.

Please amend the paragraph beginning at page 4, line 9, as follows:

[0014] In the packet communication network according to another aspect ~~{claim 4}~~, the classifier classifies a packet according to a feature amount of contents of the packet.

Please amend the paragraph beginning at page 4, line 17, as follows:

[0016] In the packet communication network according to another aspect ~~{claim 5}~~, the feature amount is a DiffServ code point of an IP packet.

Please amend the paragraph beginning at page 4, line 23, as follows:

[0018] In the packet communication network according to another aspect ~~{claim 6}~~, the feature amount is any one of a protocol number of an IP packet, a destination port number of a UDP packet, and a destination port number of a TCP packet.

Please amend the paragraph beginning at page 4, line 30, as follows:

[0020] In the packet communication network according to another aspect ~~{claim 7}~~, the classifier classifies the packet according to a time series change in a sum of data amounts of packets having an equal feature amount.

Please amend the paragraph beginning at page 5, line 4, as follows:

[0022] In the packet communication network according to another aspect ~~{claim 8}~~, the classifier includes a detector that detects a status of traffic of each of the networks in the parallel network, and classifies a packet according to the status of the traffic.

Please amend the paragraph beginning at page 5, line 11, as follows:

[0024] In the packet communication network according to

another aspect {claim 9}, the networks in the parallel network are logically grouped into a plurality of groups so that each of the group includes a plurality of networks that are physically same.

Please amend the paragraph beginning at page 5, line 20, as follows:

[0026] In the packet communication network according to another aspect {claim 10}, each of the groups include a unit that dynamically changes an allocation of bands to each of the networks in the group.

Please amend the paragraph beginning at page 5, line 27, as follows:

[0028] In the packet communication network according to another aspect {claim 11}, the multiplexer preferentially processes a packet received from a specific one of the networks in the parallel network.

Please amend the paragraph beginning at page 6, line 3, as follows:

[0030] In the packet communication network according to another aspect {claim 12}, the multiplexer preferentially processes a packet having a predetermined feature amount.